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Attorney Docket No. 20798-000110US

**POWER OF ATTORNEY BY ASSIGNEE**

**Resonext Communications, Inc.**, located at 1754 Technology Drive, Suite 200, San Jose, California 95110, is the Assignee of the invention entitled:

**LOW NOISE MIXER CIRCUIT WITH IMPROVED GAIN**

the specification of which was filed on May 2, 2001 as Application No. 09/847,866.

The Assignment accompanying this Power of Attorney has been reviewed by the undersigned. The undersigned certifies that to the best of the undersigned's knowledge and belief, title is in the Assignee. The undersigned (whose title is supplied below) is empowered to act on behalf of the Assignee.

Assignee hereby appoints the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Robert C. Colwell, Reg. No. 27,431  
David N. Slone, Reg. No. 28,572  
Richard T. Ogawa, Reg. No. 37,692  
Henry K. Woodward, Reg. No. 22,672  
Barnak Sani, Reg. No. 45,068  
Chad R. Walsh, Reg. No. 43,235

Paul C. Haughey, Reg. No. 31,836  
Kenneth R. Allen, Reg. No. 27,301  
William L. Shaffer, Reg. No. 37,234  
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J. Matthew Zigmant, Reg. No. 44,005

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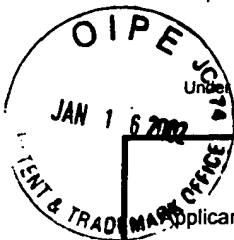
Chad R. Walsh  
Reg. No. 43,235  
Tel.: 650.326.2400

**Resonext Communications, Inc.**

Date: 9-27-01

By 

Name: David Tahmassebi  
Title: President and CEO

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Behzad Razavi et al.Application No./Patent No.: 09/847,866Filed/Issue Date: May 2, 2001Entitled: LOW NOISE MIXER CIRCUIT WITH IMPROVED GAINResonext Communications, Inc., a Delaware corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To : \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

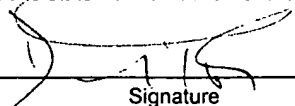
- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

9-27-01

Date

  
SignatureDavid Tahmassebi

Typed or printed name

President and CEO

Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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**ASSIGNMENT OF PATENT APPLICATION**

JOINT

WHEREAS, Behzad Razavi, of 10717 Wilshire Boulevard, Los Angeles, California 90024; Pengfei Zhang, of 5300 Shamrock Common, Fremont, California 94555; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:           LOW NOISE MIXER CIRCUIT WITH IMPROVED GAIN

Date(s) of execution of Declaration: September 15, 2001 and September 25, 2001

Filing Date:               May 2, 2001

Application No.:           09/847,866; and

WHEREAS, Resonext Communications, Inc., a corporation of the state of Delaware, located at 1754 Technology Drive, Suite 200, San Jose, California, 95110, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 9/25/01

Behzad Razavi  
Behzad Razavi

WITNESSES:

Dated: 9/25/01

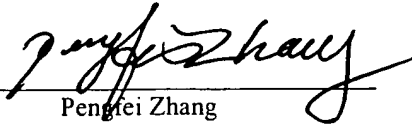
Ali Nazemi  
Name: Ali Nazemi

Dated: 9/25/01

Lawrence Der  
Name: Lawrence Der

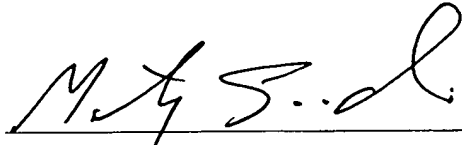
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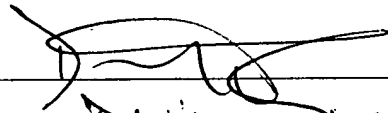
  
Pengfei Zhang

WITNESSES:

Dated: 09/27/01

  
Name: MORTEZA SAIDI  
CTO

Dated: 9/27/01

  
Name: DAVID TAHMASSEB

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